

Hanford Site Air Operating Permit Significant Modification

Remove three 100-K Area facilities of the Hanford Site

Responsiveness Summary



Department of Ecology
Nuclear Waste Program
3100 Port of Benton Blvd.
Richland, WA 99354
August 29, 2006
Publication Number 06-05-014

RESPONSIVENESS SUMMARY

Prepared by:

Doug Hendrickson

Washington State Department of Ecology

Nuclear Waste Program

August 29, 2006

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If you need this publication in an alternate format, please call the Nuclear Waste Program at 509-372-7950. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Introduction

The Washington State Department of Ecology (Ecology) encouraged the public to comment on the removal of three facilities in the 100-K Area of the Hanford Site from the Air Operating Permit (AOP) during a public comment period held July 17 through August 18, 2006.

The emissions from these buildings will no longer be regulated by the AOP. The permit modification will remove requirements for monitoring and control of radioactive and criteria air pollutant emissions at the 1706-K, 142-K, and 1724-K Buildings by the AOP. Instead, the air emissions will be regulated by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) in the new 105KE and 105KW Area removal action work plan. The work plan involves decontaminating and decommissioning the buildings, their stacks, and related facilities.

The following responsiveness summary addresses public comments received during the public comment period. Ecology received comments from three commenters on the proposed permit change. The comments focused on the following issues:

- Continuation of monitoring and emission control during facility removal.
- Transition of facilities from operating status out of the AOP.
- Financial effects of facility removal from the AOP.

Responsiveness Summary

Commenter #1:

Monitoring the air from your 3 buildings is still critical. The shift in custodianship I understand will go be regulated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

Where as water contamination route is fairly direct (river/ocean) other than the ingestion by humans & mammals of fish and other hot organisms in the water, the pollution emitted into the ambient air potentially can encompasses the entire planet (air/ocean). For this reason it is good that the monitoring will continue.

Ecology's Response:

Ecology Agrees. We take your comment submittal as supportive of the action described in this comment period.

Commenter #2:

I'm the ECO at K Basins for Fluor Hanford and the below does not necessarily [*sic*] reflect the opinions of DOE-RL. Received via a forwarded email the below notice. Can you please explain how this significant modification to the AOP came about?

Right now the Cold Vacuum Drying Facility (CVDF) is in a standby status for treating the remaining spent nuclear fuel that will be removed from the 105-KW Basin. That removal activity is under the K Basins CERCLA ROD, however the treatment of that fuel in CVDF is not under CERCLA. (Larry Gadbois is the EPA project manager) CVDF has both rad and toxic air permits. Removing CVDF from the AOP prior to it's mission of treating spent nuclear fuel being complete will impact the completion of K Basin interim remedial action dealing with removing spent nuclear fuel from the basins and associated TPA milestones.

The 1706KE Facility and 1724K Maintenance Shop are also in an operating status.

Ecology's Response:

Ecology offers the following explanation.

Thank you for your interest and request for clarification as to whether permits would be withdrawn prior to facility mission completion. The proposed action would only remove these facility permits from the Air Operating Permit:

- Following cessation of permitted process operations.
- Following completion of CERCLA documentation establishing the ARARs.
- Following establishment of monitoring systems defined by the CERCLA documentation (e.g. Removal Action Work Plan and Air Monitoring Plan).
- Following notice from DOE that each of these conditions has been met.

It is understandable that the focus sheet you reviewed did not clearly delineate each of these anticipated conditions, as there is no presently defined regulatory approach for such removals from Air Operating Permits. Ecology recently (July 10 - August 11) placed the renewal of the Hanford Air Operating Permit in public review. The renewal contains descriptions of these procedural steps in its Statement of Basis in order to help ensure clear public understanding of the protections being afforded to the public in these facility closure and removal actions.

Commenter #3:

- Does this Permit modification have an identification to differentiate it from other permit modifications? It's hard to keep track.
- I assume a "Permit" has financial budgetary impacts. Are they contractual in nature? Does consideration have to be given or asked by the party making or agreeing to the modification?
- It is hard, from the enclosed {public comment period notice}, to tell who is requesting the modification, why it is being requested, and the fiscal effect (on whom) if it is granted. Please explain.

Ecology's Response:

Ecology offers the following explanation.

- The Hanford Air Operating Permit, No. 00-05-06, is one of approximately 130 active Air Operating Permits in Washington. Although the notice for this public comment period is assigned Publication number 06-05-009, individual permit modifications are not uniquely numbered but described by title. This permit modification is titled “Hanford Site Air Operating Permit Modification, Remove three 100-K Area facilities of the Hanford Site.” This title was chosen to uniquely identify the subject permit and the scope of the modification.
- Air Operating Permits (AOPs) are required of some facilities by regulation in WAC 173-401. This body of regulation establishes fees for permit administration, development, and oversight. Fees are assessed upon the permitted facilities sufficient to cover administration, development, and oversight by Ecology and authorized local authorities. Fee determinations are subject to public participation, but are not contractual.

Modifications to AOPs are generally at the request of the permittee. As such, consideration and agreement to modifications is usually mutual. However, an air authority may revoke a permit or change provisions of permits upon a finding of cause. If the permittee disagrees with a permit revocation or change effected by an air authority, they may apply for injunctive relief to the Pollution Control Hearing Board.

- In this action, the United States Department of Energy (USDOE) has proposed the deactivation, decontamination, decommissioning, and demolition (D4) of a number of facilities which had been established to support the production and handling of irradiated nuclear fuel and waste products.

Within the *Engineering Evaluation/Cost Analysis for the 105-KE and 105-KW Reactor Facilities and Ancillary Facilities*, the USDOE has requested that specific air pollution sources within the scope of their D4 activities be withdrawn from the Hanford AOP.

Withdrawal of these facilities from the AOP is being requested because USDOE intends to demolish them. The sources would no longer be operating air pollutant sources and should not be subject to monitoring and reporting requirements of operating sources (i.e. how does one monitor a stack if no stack exists?).

Ecology agrees that the fiscal effect of approval of the modification to remove these units from the AOP is not exactly specified. Fees upon AOP sources are assessed state-wide in proportion to the complexity of the sources and the costs incurred by Ecology and local air authorities in permit administration, development, and oversight. Following facility removal from an AOP, it is reasonable to expect that program costs in administration and oversight will be reduced and fees assessed to all AOP sources will incrementally decrease.

Summary of Public Involvement Actions

No workshops or hearings were held for this comment period. A focus sheet was mailed to approximately 900 highly interested members of the public. An email to the Hanford Listserv announced the comment period and directed members of the public to the Ecology website, www.ecy.wa.gov/nwp/programs/commentperiods.htm, for more information. Notice of the comment period was placed in the Ecology events calendar and on the State Permit Register. A public announcement classified advertisement was placed in the Tri-City Herald on the Sunday before the comment period started. The public information repositories received:

- Focus Sheet.
- Cover Letter.
- Engineering Evaluation/Cost Analysis for the 105KE and 105KW Reactor Facilities and Ancillary Facilities.
- Copies of radioactive emissions licenses for Buildings 1706-K and 142-K.
- A copy of the 1724-K Building criteria air pollutant approval.

Attachments

Comment letters

Public Announcement Classified Ad

Focus Sheet

Final Letter of Decision

Comments

Hanford Site Air Operating Permit: Remove three 100-K Area facilities on the Hanford Site from the Air Operating Permit

#	Date	Source	Comment
1	Mon 7/17/2006 4:01 PM	Email: Tim Carson, naturalair@earthlink.net 509.466.2276	<p>Monitoring the air from your 3 buildings is still critical. The shift in custodianship I understand will go be regulated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).</p> <p>Where as water contamination route is fairly direct (river/ocean) other than the ingestion by humans & mammals of fish and other hot organisms in the water, the pollution emitted into the ambient air potentially can encompasses the entire planet (air/ocean). For this reason it is good that the monitoring will continue.</p>
2	Wed 7/19/2006 8:47 AM	Email: Watson, David J (Dave), David_J_Dave_Watson@RL.gov , (509) 373-3250	<p>I'm the ECO at K Basins for Fluor Hanford and the below does not necessarily reflect the opinions of DOE-RL. Received via a forwarded email the below notice. Can you please explain how this significant modification to the AOP came about?</p> <p>Right now the Cold Vacuum Drying Facility (CVDF) is in a standby status for treating the remaining spent nuclear fuel that will be removed from the 105-KW Basin. That removal activity is under the K Basins CERCLA ROD, however the treatment of that fuel in CVDF is not under CERCLA. (Larry Gadbois is the EPA project manager) CVDF has both rad and toxic air permits. Removing CVDF from the AOP prior to it's mission of treating spent nuclear fuel being complete will impact the completion of K Basin interim remedial action dealing with removing spent nuclear fuel from the basins and associated TPA milestones.</p> <p>The 1706KE Facility and 1724K Maintenance Shop are also in an operating status.</p>
3	Wed 8/2/06	Letter: Mr. Allan Panitch; P.O. Box 99387; Seattle, WA 98199-0387	Does this Permit modification have an identification to differentiate it from other permit modifications? It's hard to keep track.
4			I assume a "Permit" has financial budgetary impacts. Are they contractual in nature? Does consideration have to be given or asked by the party making or agreeing to the modification?
5			It is hard, from the enclosed {public comment period notice}, to tell <u>who</u> is requesting the modification, <u>why</u> it is being requested, and the fiscal effect (on whom) if it is granted. Please explain.

**Classified Legal Advertisement
Placed in Tri-City Herald on Sunday, July 16**

**PUBLIC COMMENT PERIOD
Hanford Site Air Operating Permit**

July 17 through August 18, 2006

The Washington State Department of Ecology seeks your input on a significant modification to the Hanford Site Air Operating Permit (AOP). These changes will remove three 100-K Area facilities of the Hanford Site from the AOP, therefore the AOP will no longer regulate the emissions from the facilities. The facilities to be removed from the AOP are the 1706-KE Radiological Counting Laboratory, the 1724-K Maintenance Shop, and the 142-K Cold Vacuum Drying Facility. As the building operations end, they will undergo deactivation, decontamination, decommissioning, and demolition. The emissions will be regulated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

Ecology will submit a draft permit modification for public comment. The permit holder is the U.S. Department of Energy - Richland Operations Office, PO Box 550, Richland, WA 99352. The public comment period will run from July 17 through August 18, 2006.

Copies of the affected portions of the AOP and supporting CERCLA approval documents are available for review by appointment, 509-372-7920, at the Department of Ecology Richland Office Library, 3100 Port of Benton Blvd., Richland, WA. The documents and additional viewing locations will be available at <http://www.ecy.wa.gov/programs/nwp/commentperiods.htm> during the comment period.

Contact Doug Hendrickson to make a comment or to receive more information. Please submit all comments in writing.

3100 Port of Benton Blvd.

Richland, WA 99354

509-372-7971 fax

dohe461@ecy.wa.gov

All comments received during the public comment period will be considered and responded to in a responsiveness summary.

241 HOMES FOR RENT**WANTED:**

Renter interested in owning a home, with bad credit and bankruptcy, let us buy a home for you with our proven lease option program, call 24 hr free, recorded message 866-379-0584 ext 602.

242 HOMES FOR RENT BENTON CITY

3 BR, 2 BA, 1/3 acre country setting in town, irrigated, no smkg, pets nego-

263 HOMES FOR RENT KENNEWICK

1 BR small cottage, no smoking/outside pet ok. \$500/mo \$250 dep, Avail 7/15 736-3521/531-5406

1st Month \$425

3 BR, 1 BA, CLEAN, garage, nice fncd yd, extra parking. New carpet/vinyl. No pets/smkg. SEE 218 S. Edison 586-6170

2450 sq ft, 1 level 4 BR, 2.75 BA, fam rm, laundry, cent h/a, lg 2 car gar, fncd, \$1100/mo, \$700 dep, no pets/smkg. (503)647-7549

263 HOMES FOR RENT KENNEWICK

3 BR, 2 BA, 19X20 fam rm, \$750/mo \$500/dep, no smkg/pets. 586-7124.

3 BR, 2 BA, fam/rm, liv rm, din rm & kit in one space, 5243 S Dayton, (end of Garfield) \$1000/mo \$500/dep no pets 545-6164

3 BR, 2 BA, new home, fncd yd, gar, pets on approval \$1000/mo, 378-1176

4 BR, 2 BA, 2200 sq ft, \$1100/mo, 6837 W 3rd Ave. Annette 438-2029.

263 HOMES FOR RENT KENNEWICK

Hanson Park 3 BR, 2 BA, rambl w/bonus. 2 car gar, immaculate! \$1400/mo, \$1500 dep. Leanne @ 521-1249.

Lease/option, Kennewick Park, 4 BR, 2.5 BA, 2 story, fncd yd, 3 car gar, no pets/smkg. \$1350/mo. Leanne @ 521-1249, C21 Pyramid.

Lg 1 BR apt w/fncd yd. New paint, carpet in great location. \$400/mo, Call Art

264 HOMES FOR RENT PASCO

Custom Designed 2 BR, 2 BA Villa, partially furnished, fplc, cent h/a, all wood floors, patio. \$975/mo, 1 yr lease. Call (509)547-5393.

2 BR, 2 BA, MH, w/den, upgraded carpets throughout, very nice, 1 mo free, \$520/mo, 547-6220.

2 BR MH, 1 month free rent, newly remodeled, \$425/mo. 547-6220.

3 BR, 1.5 BA, carport, \$700/mo, Sr discount, 1616 Rd 30. 438-6992.

264

4+ BR, \$985/mo Crown

5810 O dep, 1s (5)

5 BR, v W Pas than 1 cul-de-s De

Brand: 2 car, \$

3 BR hc appls & fncd, pet in special 547-688

New 3 B car gar, \$100 \$62

garden tu fplc, stain pets. \$

125 (3 BR, 1.5 appliances yard, ver Close to mentary, smkg/pet dep

1423 Arl borhood, BA, fncd gar, UGI work inc

1912 S Rhld, story, 2 c \$1350/mc A &

* 207/ 2 BR, 18 Cent H/ \$650/mc

2 & 3 B new N central a \$895-\$ Cal

2 BR, 1 \$750/mo. Crown

2 BR, 1 Ave, \$6

2 BR, 1 \$575/mo. Sanford / erty M

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401 CLASSIFIED LEGALS**CITY OF PASCO NOTICE OF CHANGE OF MEETING**

PLEASE TAKE NOTICE that a special meeting of the Pasco Civil Service posed Rats of the Bluffs 2 and the Plateau at Horn Rapids (North Stone Richland, LLC) (Closed Record) 4. Authorization for the City Manager to Sign and Execute an Agreement with EES Consulting to Prepare Integrated Power Resource Plan

5. Authorization for City Manager to Sign and Execute an Amendment to the Bonneville Power Sales Contract

6. Authorization for Purchasing/Contract Officer to Sign and Execute a Lease Renewal for a Caterpillar Scraper and a New Lease for a Caterpillar Dozer for the Landfill

7. Authorization for City Manager to Execute a Successor Collective Bargaining Agreement with International Union of Operating Engineers, Local Union No. 280

8. Authorization to Enter Into Negotiations to Acquire Additional Park Land in South Richland

9. Ordinance Approving Colley Annexation: First Reading

10. Ordinance Approving Zone Change of Approximately 7 Acres from C-2 Retail Business to Planned Unit Development (Tom Masterson): First Reading (Closed Record)

11. Ordinance Repealing RMC Chapter 13.04 and Enacting Replacement Chapter 13.06 - Medical Ambulance Service Utility: First Reading

12. Ordinance Accepting a Draft Document as Sufficient to Demonstrate the City's Ability to Serve the Expanded Urban Growth Area and to Revise the Proposed Urban Growth Area Boundaries: Passage

13. Approval of Expenditures: July 3 - July 7, 2006 for \$2,139,814.90

Business Items:

1. Options for the Removal and Replacement of the Electronic Reader Board

2. Approval of 2007 Budget Process

A. Approval of Budget Calendar

B. Approval of Budget Parameters

C. Establish Council Subcommittees to Review Budget and Capital Facilities Plan #5991 7/16

CITY OF PASCO NOTICE OF PUBLIC HEARING

PLEASE TAKE NOTICE that the Pasco City Council will hold two Public Hearing on July 17, 2006 at 7:00 p.m., in the City Council Chambers, at 525 North 3rd Avenue, to consider the vacation of Chestnut Ave between A St. and B St. and the vacation of E George & E Adelia streets adjacent Blk 4, AM Wehe's Whitehouse Add. Contact the City Planner at

CITY OF RICHLAND, WASHINGTON And BENTON COUNTY EMERGENCY MANAGEMENT

Bids shall be submitted on the form attached with the bid documents. All envelopes containing bids are to be clearly marked, Prosser School District Emergency Generator System Installation Project, SB 06-015 BCES, are to be delivered to, City of Richland, at the City Shops, Building 100, Room 110, 2700 Duportail Street, Richland, WA 99352

Successful bidders will be required to post a 100% performance bond. No bidder may withdraw his bid after the hour set for the bid opening or before the award of the contract with out the consent Benton County Emergency Management unless said award is delayed for a period of more than 30 days.

Only firm bids and those specifications will be tabulated. Benton County Emergency Management reserves the right to reject any and all bids and to waive minor irregularities. Determinations of whether or not any irregularity is minor shall be the sole responsibility of Benton County Emergency Management.

Michael R. Mitchell Contracts Officer City of Richland #5965 7/12,16

CITY OF RICHLAND EMERGENCY MANAGEMENT CALL FOR BID

Sealed bids will be received by the Contracts Officer until 11:00 am on July 25, 2006 for furnishing TWO STANDBY GENERATORS FOR PROSSER SCHOOL DISTRICT, SB 06-016 BCES.

Specifications may be obtained at the PURCHASING DIVISION, 2700 DUPORTAIL STREET, BUILDING 100, faxing your request to 509-942-7397 or by writing to Purchasing MS-11, PO Box 190, Richland, WA 99352.

Each bidder shall warrant that he has not entered into collusion with another bidder or any other person, and does not discriminate in any manner against any person based solely on race, color, sex, or creed.

Bids shall be submitted on the attached form and envelopes containing bids are to be marked: TWO STANDBY GENERATORS, SB 06-016 BCES ***MAIL ROOM DO NOT OPEN***

Only firm bids will be tabulated and the City of Richland reserves the right to reject any and all bids and to waive minor irregularities. Determination of whether or not an irregularity is minor shall be

PURCHASING DIVISION, 2700 DUPORTAIL STREET, BUILDING 100, RICHLAND, WASHINGTON 99352 ON Tuesday July 25, 2006 AT 11:00 day or July, 2006.

Richard Smith, City of Pasco Community & Economic Development Director #5978; 7/13, 7/19/06

NOTICE OF HEARING NOTICE IS HEREBY GIVEN: The Board of Benton County Commissioners has before it a proposal for supplemental appropriation to the 2006 Budget as follows:

1. Solid Waste Collection Fund No. 0155-101, in the amount of \$37,191, to create budget line items to receive funds from Solid Waste Program Interlocal Operations.

NOTICE IS FURTHER GIVEN: That a hearing will be conducted on Monday, July 31, 2006, at 11:10 AM, in the Commissioners Board Room, Benton County Courthouse, Prosser, Washington, at which time any person may appear and be heard either for or against the proposed supplemental appropriation.

DATED at Prosser, Washington, this 12th day of July, 2006

By Marilu Flores, Administrative Secretary E-mailed to TCH & posted 7/12/06

Publish 7/16/06 & 7/23/06 #5986 7/16,23

NOTICE OF PUBLIC HEARING

PLEASE TAKE NOTICE that the Planning Commission of the City of Pasco will hold a public hearing to consider the establishment of a residential zoning district for the unincorporated property described below in the event such property is annexed to the City of Pasco.

General Location: Generally lying north of the Overton Road neighborhood between Road 52 and Road 60.

Legal: The north half of the northeast quarter of Section 10, Township 9 North, Range 29 East, W.M. lying north of the Pearl Street right-of-way.

THEREFORE, LET ALL CONCERNED TAKE NOTICE that a Public Hearing will be held by the Planning Commission of the City of Pasco, Washington, in the City Council chambers, Pasco City Hall, 525 North 3rd Avenue at the hour of 7:00 p.m., Thursday, July 20, 2006, so that all concerned may appear and present any objections or support for the establishment of a zoning classification for the proposed annexation area. For additional information, please contact the Pasco City Planner at (509) 545-3441.

David I. McDonald, Secretary Planning Commission Pasco, Washington

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that the Benton County Auditor has reported to the Benton County Auditor the Draft Badger Mountain/Valley View Urban Growth Area Expansion Capability Analysis may be viewed on the County's website at <http://www.co.benton.wa.us/benton-pchrg.htm>.

After taking and reviewing testimony, the Planning Commission will make its recommendation to the Board of County Commissioners (BOCC). The BOCC will then schedule a hearing to consider and act upon the Planning Commission's recommendation.

NOTICE IS FURTHER GIVEN that any comments regarding the Draft Badger Mountain/Valley View Urban Growth Area Expansion Capability Analysis may be made at the above hearing before the Planning Commission or can be submitted in writing to the Benton County Planning Department, P.O. Box 910, Prosser, WA. 99350, or by email at the above website using the Resident Feedback button. Comments must be received by 5:00 p.m., July 27th, 2006.

Benton County welcomes full participation in public meetings by all citizens. No qualified individual with a disability shall be excluded or denied the benefit of participation. If you wish to use auxiliary aids or require assistance to comment at this public meeting, please contact the Benton County Planning Dept. at 509-736-3086 Kennewick, or Prosser at 786-5612 or you may request in writing to the above address at least ten days prior to the date of the meeting to make arrangements for special needs.

Dated, this 13th day of July 2006.

TERRY A. MARDEN, Secretary

BENTON COUNTY PLANNING COMMISSION

Publish date: July 16th, 2006 #5990 7/16

ORDINANCE NO. 23-06

AN ORDINANCE OF THE CITY OF RICHLAND relating to land use, zoning classifications and districts and amending the Official Zoning Map of the City by amending Sectional Map No. 55B so as to change the zoning designation on a portion of approximately 27 acre parcel located south of Clubhouse

(PUD), contingent upon the recording of a properly executed, delivered and accepted Property Use and Development Agreement. (Northstone Richland, LLC) #5989 7/16

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Contact Doug Hendrickson to make a comment or to receive more information. Please submit all comments in writing.

3100 Port of Benton Blvd. Richland, WA 99354 509-372-7971 fax dohe461@ecy.wa.gov

All comments received during the public comment period will be considered and responded to in a responsiveness summary. #5964 7/16

Public Notice

Please take notice that the Pasco Public Facilities District (PFD) Board of Directors will conduct its regular quarterly meeting at 4:00 p.m., Wednesday, July 26 in Conference Room #1 at Pasco City Hall, 525 N. 3rd Avenue, Pasco, WA. For further information, please contact the Pasco City

Planner at (509) 545-3441.

David I. McDonald, Secretary Planning Commission Pasco, Washington

PLEASE TAKE NOTICE that the Pasco City Council will hold two Public Hearing on July 17, 2006 at 7:00 p.m., in the City Council Chambers, at 525 North 3rd Avenue, to consider the vacation of Chestnut Ave between A St. and B St. and the vacation of E George & E Adelia streets adjacent Blk 4, AM Wehe's Whitehouse Add. Contact the City Planner at

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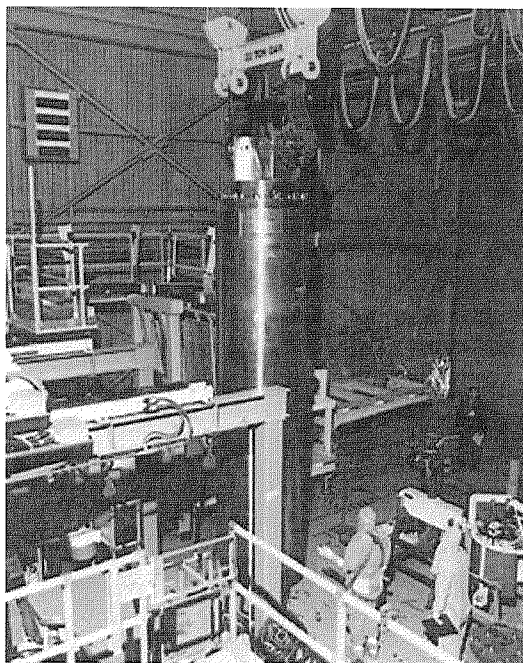


Public Comment Period

Hanford Site Air Operating Permit Modification

Remove three 100-K Area facilities of the Hanford Site

July 17 through August 18, 2006



Spent Nuclear Fuel from the K-West Basin is packed in this Multi-Canister Overpack (MCO). This was the first MCO to be sent to the Cold Vacuum Drying Facility in 2000.

The Washington State Department of Ecology seeks your input on a significant modification to the Hanford Site Air Operating Permit (AOP). These changes will remove three 100-K Area facilities of the Hanford Site from the AOP, therefore the AOP will no longer regulate the emissions from the facilities. The facilities to be removed from the AOP are the 1706-KE Radiological Counting Laboratory, the 1724-K Maintenance Shop, and the 142-K Cold Vacuum Drying Facility. As the building operations end, they will undergo deactivation, decontamination, decommissioning, and demolition. The emissions will be regulated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

Ecology will submit a draft permit modification for public comment. The permit holder is the U.S. Department of Energy - Richland Operations Office, PO Box 550, Richland, WA 99352. The public comment period will run from July 17 through August 18, 2006.

Background

The 100-K Area is located along the Columbia River in the northern part of the Hanford Site. It contains the KE and KW Reactors and related facilities. Construction of the reactors began in 1952 and operation started in 1955. The KW Reactor

stopped operating in 1970 and the KE Reactor stopped in 1971.

The Radiological Counting Laboratory and the Maintenance Shop are related facilities that were used to help run day-to-day operations of the reactors and supporting equipment.

The Cold Vacuum Drying Facility was built in 1998 and operated from 2000 to 2004. The facility dried and stabilized spent fuel removed from the fuel basins.

How will the Hanford Site Air Operating Permit change?

The permit modification will remove requirements for monitoring and control of radioactive, toxic, and criteria air pollutant emissions at the 1706-KE Radiological Counting Laboratory, the 1724-K Maintenance Shop, and the 142-K Cold Vacuum Drying Facility from the AOP. Instead, the new removal action work plan for 105-KE and 105-KW Reactors and related facilities will regulate air emissions under CERCLA authority.

The work plan involves deactivation, decontamination, decommissioning, and demolition of the buildings, their stacks, and related facilities. The removal action work plan contains an air monitoring plan that provides monitoring and control requirements under CERCLA guidelines. The plan includes applicable, reasonable, and appropriate requirements for monitoring and control of contamination and releases for the buildings during decommissioning and demolition.

How do I view related documents?

During the comment period, the affected portions of the AOP and the supporting CERCLA approval documents are available for public review Monday – Friday, 9 a.m. – 12 p.m. and 1 p.m. – 4 p.m., at the Department of Ecology, Nuclear Waste Program Library, 3100 Port of Benton Blvd., Richland, Washington. To make an appointment to review the documents call 509-372-7920. You can also view the documents at the public information repositories listed below.

Portland

Portland State University
Branford Price and Miller Library
934 SW Harrison
Attn: Judy Andrews 503-725-4126

Richland

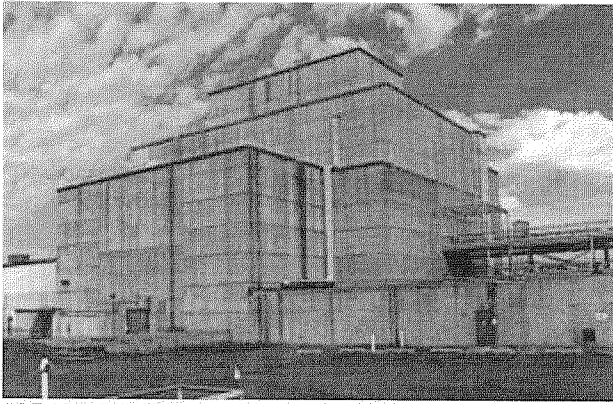
U.S. Dept. of Energy Reading Room
Consolidated Information Center, Room 101-L
2770 University Dr.
Attn: Janice Parthre 509-372-7443

Seattle

University of Washington
Suzzallo Library
Government Publications Division
Attn: Eleanor Chase 206-543-4664

Spokane

Gonzaga University
Foley Center
E. 502 Boone
Attn: Linda Pierce 509-323-6110



105 KW Reactor

How do I make a comment?

Please send all comments in writing to:
Doug Hendrickson
Washington State Department of Ecology
Nuclear Waste Program
3100 Port of Benton Blvd.
Richland, WA 99354
509-372-7983 phone
509-372-7971 fax
dohe461@ecy.wa.gov

Ecology will consider and respond to all comments received during the public comment period. No public hearing is scheduled at this time; however, Ecology will consider requests for a hearing. Please contact Tanya Williams at 509-372-7883 or tawi461@ecy.wa.gov to request a public hearing.

Visit <http://www.ecy.wa.gov/programs/nwp/commentperiods.htm> for more information and to view documents.

If you need this publication in an alternate format, please call the Nuclear Waste Program at 509-372-7950. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Comment Period

July 17 through August 18, 2006

Hanford Site Air Operating Permit Modification

Topic: Remove three 100-K Area facilities of the Hanford Site from the Air Operating Permit.

Tell Us What You Think!

You are invited to participate in the decision to modify the Hanford Site Air Operating Permit. Public comments are critical to Ecology's decision making process. Look inside to learn more about the proposed changes to the Hanford Site Air Operating Permit.



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99354 • (509) 372-7950

August 29, 2006

Mr. Keith A. Klein, Manager
Richland Operations Office
United States Department of Energy
P.O. Box 550, MSIN: A7-50
Richland, Washington 99352

Re: Withdrawal of 1706-K, 142-K, and 1724-K from Hanford Air Operating Permit

Dear Mr. Klein:

Between July 17 and August 18, 2006, the Department of Ecology conducted a public notice and comment period regarding the removal of three sources from the Hanford Air Operating Permit (AOP). This comment period was based upon the *Engineering Evaluation/Cost Analysis for the 105KE and 105KW Reactor Facilities and Ancillary Facilities* (DOE/RL-2005-86, Rev. 0), radioactive air emissions licenses for Buildings 1706-K and 142-K, and criteria air pollutant Permit 97 NM-551 for the 1724-K Building.

We received no adverse comment during this review period. Ecology approves the withdrawal of these source licenses from the Hanford AOP contingent upon the following conditions:

1. Operations permitted within the approved subject licenses have ceased.
2. The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) action will encompass the entire scope, area, and facilities permitted within the licenses.
3. Physical fieldwork of the CERCLA action has started.
4. A notice of the start of fieldwork (subject to inspection and verification) has been submitted by the United States Department of Energy-Richland Operations Office.

We look forward to initiation of your fieldwork for the removal of these facilities. The permit withdrawal will be effective upon submittal of the Notice of Condition #4 to the following addressees:

Jane A. Hedges
Nuclear Waste Program
Washington State Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

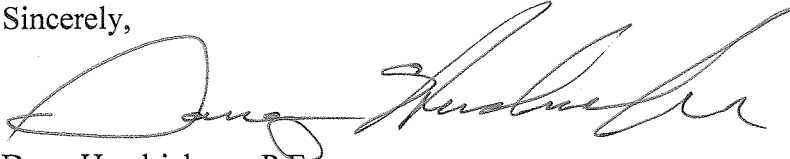
Allen W. Conklin
Office of Radiation Protection
Washington State Department of Health
P.O. Box 47827
Olympia, Washington 98504-7827



Mr. Keith A. Klein
August 29, 2006
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If you have any questions, please contact me at 509-372-7983.

Sincerely,

A handwritten signature in dark ink, appearing to read "Doug Hendrickson". The signature is fluid and cursive, with a large initial "D" and a long, sweeping underline.

Doug Hendrickson, P.E.
Lead Air Engineer
Nuclear Waste Program

pll

cc: Davis Zhen, EPA
Rudy Guercia, USDOE
Al Conklin, WDOH
Stuart Harris, CTUIR
Gabriel Bohnee, NPT
Russell Jim, YN
Todd Martin, HAB
Ken Niles, ODOE
Administrative Record
Environmental Portal